

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Currently Amended) A system for transforming XML items, the system comprising:
a memory configured to receive and store one or more input XML items;
a transformer that transforms the one or more input XML items in a first format to one or more transformed XML items in one or more second XML formats; and
an output manager that facilitates at least one of selectively pulling and pushing a subset of the one or more input XML items, the subset of the one or more XML items is less than the whole one or more input XML items.
2. (Previously Presented) The system of claim 1, the transformer comprises an action frame stack that holds one or more actions, an event state machine that tracks state associated with transforming the one or more input XML items and an event processor that receives events generated in processing the one or more actions stored in the action frame stack.
3. (Previously presented) The system of claim 1, further comprising a compiler that compiles one or more style sheets and produces one or more actions that can be employed by the transformer in processing associated with transforming the one or more input XML items.
4. (Previously presented) The system of claim 3, the compiler resolves one or more external references in the one or more style sheets.
5. (Previously presented) The system of claim 4, the input XML items are input from one or more data stores.
6. (Previously presented) The system of claim 5, further comprising an input abstracter that exposes data stored in the one or more data stores in a common representation.

7. (Previously presented) The system of claim 6, the input abstractor abstracts a reference to a node within an XPath document.
8. (Previously presented) The system of claim 7, the input abstractor exposes the data stored in the one or more data stores as a data model and infoset.
9. (Previously presented) The system of claim 8, the input abstractor provides a cursor model over data stored in a data store to facilitate presenting a stream of nodes to the transformer.
10. (Previously presented) The system of claim 9, the input abstractor provides a virtual node that can be employed to traverse the stream of nodes.
11. (Previously presented) The system of claim 10, the input abstractor is an XPathNavigator.
12. (Previously presented) The system of claim 6, further comprising a node selection abstractor that dynamically constructs a subset of input XML items from a set of input XML items, the subset of input XML items are responsive to a query.
13. (Previously presented) The system of claim 12, the node selection abstractor facilitates navigating the subset of input XML items.
14. (Previously presented) The system of claim 13, the node selection abstractor is an XPathNodeIterator.
15. (Previously presented) The system of claim 12, further comprising an optimized data store that stores one or more XML items in a manner that facilitates minimizing processing associated with constructing the subset of input XML items *via* a query.
16. (Previously presented) The system of claim 15, the optimized data store stores data in a data representation format that facilitates optimizing an XPath query.

17. (Previously presented) The system of claim 16, the data representation format comprises expanded XML entities, deleted XML declarations and DOM model data converted to XPath model data.

18. (Previously presented) The system of claim 17, the optimized data store is an `XPathDocument`.

19. (Currently Amended) A computer readable medium storing computer executable components of a system for transforming XML items, the system comprising:

a memory configured to receive and store an input XML item;

a transforming component that transforms ~~an~~the input XML item from a first format to a transformed XML item in one or more second XML formats;

an output managing component that facilitates at least one of selectively pulling and pushing a subset of the input XML item, the subset of the input XML item is less than the whole input XML item;

a compiling component that compiles a style sheet and that produces one or more actions that can be employed by the transforming component in processing associated with transforming the input XML item;

an input abstracting component that presents input XML items stored in one or more different representations to the transforming component in a common representation; and

a node selection abstracting component that dynamically constructs a subset of input XML items from a set of input XML items, the subset of input XML items are responsive to a query.

20 - 37 (Cancelled).

38. (New) A system for transforming streaming XML data, the system comprising:

- a transformer that receives a stream of a plurality of input XML items and transforms the input XML items from a first XML format to one or more second XML formats;
- memory configured to receive and store the stream of the plurality of input XML items;
- an output manager that facilitates at least one of selectively pulling and pushing a subset of the transformed XML items, the subset having fewer XML items than the plurality of input XML items, to provide a selective streaming output, the selective streaming output is provided to the memory; and
- a node selection abstractor that dynamically constructs the plurality of input XML items from a set of input XML items, the plurality of input XML items are responsive to a query.